Proposed Maximum Residue Limit PMRL2012-12

Metrafenone

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Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) has granted conditional registration to technical grade metrafenone and the end-use product Vivando SC Fungicide for use in Canada on grapes. The specific uses approved in Canada are detailed on the product label of Vivando SC Fungicide, *Pest Control Products Act* Registration Number 29765.

The evaluation of these metrafenone applications indicated that the end-use product has merit and value and the human health and environmental risks associated with the new uses are acceptable. Details regarding these registrations can be found in Evaluation Report ERC2011-10, *Metrafenone* which was posted to the Health Canada website on 21 November 2011.

Before registering a pesticide for food use in Canada, the PMRA must determine the quantity of residues that are likely to remain in or on the food when the pesticide is used according to label directions and that such residues will not be a concern to human health. This quantity is then legally established as a maximum residue limit (MRL). An MRL applies to the identified raw agricultural food commodity as well as to any processed food product that contains it, except where separate MRLs are specified for the raw agricultural commodity and a processed product made from it.

Consultation on the proposed MRLs for metrafenone is being conducted via this document (see Next Steps, the last section of this document). ERC2011-10 includes information regarding the proposed MRLs in Sections 3.5.4 and 7.1 and Appendix II addresses the international situation and trade implications. Supporting field trial residue data are provided in Appendix I, Table 5 of the Evaluation Report.

To comply with Canada's international trade obligations, consultation on the proposed MRLs is also being conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada.

The proposed MRLs for metrafenone in Canada in or on food are as follows.

Table 1 Proposed Maximum Residue Limits for Metrafenone

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Metrafenone	(3-bromo-6-methoxy-2-methylphenyl)(2,3,4-trimethoxy-6-methylphenyl)methanone	17	Raisins
		4.5	Grapes

ppm = parts per million

A complete list of all MRLs established in Canada can be found on the Maximum Residue Limits for Pesticides webpage in the Pesticides and Pest Management section of Health Canada's website.

International Situation and Trade Implications

The MRLs proposed for metrafenone in Canada are the same as corresponding tolerances established in the United States (tolerances are listed in the Electronic Code of Federal Regulations, 40 CFR Part 180, by pesticide). Currently, there are no Codex MRLs[1] listed for metrafenone in or on any commodity on the Codex Alimentarius Pesticide Residues in Food webpage.

Next Steps

The PMRA invites the public to submit written comments on the proposed MRLs for metrafenone up to 75 days from the date of publication of this document. Please forward your comments to Publications (see the contact information on the cover page of this document). The PMRA will consider all comments received before making a final decision on the proposed MRLs for metrafenone and posting a corresponding Established Maximum Residue Limit document in the Pesticides and Pest Management section of Health Canada's website.

[1] The Codex Alimentarius Commission is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.